





INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 7:		(11) International Publication Number:	WO 00/43295
B65G 1/04, B65D 81/05	A1	(43) International Publication Date:	27 July 2000 (27.07.00)

GB

(21) International Application Number: PCT/GB00/00176
(22) International Filing Date: 24 January 2000 (24.01.00)

23 January 1999 (23.01.99)

(71)(72) Applicants and Inventors: ROSS, Ralph, Barclay [GB/GB]; Corsehill Cottage, Parkhill, Dyce, Aberdeen AB21 0HB (GB). CRABTREE, Michael, Wayne [GB/GB]; 2 Pinecrest Gardens, Bieldside, Aberdeen AB15 9FL (GB).

(74) Agents: McCALLUM, William, Potter et al.; Cruikshank & Fairweather, 19 Royal Exchange Square, Glasgow G1 3AE (GB). (81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published

With international search report.

Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

(54) Title: CARGO HANDLING APPARATUS

(57) Abstract

(30) Priority Data:

9901474.8

Apparatus for packaging elongate members, such as drillpipe (40) and downhole tubulars, comprises a frame comprising a base (6) and side members (2), and packing members (23) for engaging with the side members (2). The packing members (23) have a deformable portion (22) for engaging elongate members to be handled. Tie down chains (19) or other retainers hold the packing members (23) in contact with the elongate members (40).

